

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-40. (Cancelled)

41. (Original) A method of managing data, the method comprising:

displaying a table comprising a one or more rows and columns of data cells having data that belongs to at least one data set, the table further comprising one or more filter cells configured to receive filter criteria;

automatically inserting filter criteria in at least one of the filter cells in response to a selection of the filter criteria by a user;

identifying data cells that correspond with the filter criteria in the filter cells;

sorting one or more data sets associated with the identified data cells; and

displaying the sorted data sets, such that the identified data cells are displayed contiguously and interposed between non-identified data cells, wherein the data cells are identified, sorted, and displayed in response to the selection of the filter criteria, and wherein the data sets associated with the identified data cells are graphically displayed to a user via highlight, color or other image marking that is different from the highlight, color, or image marking of the non-identified data cells.

42. (Original) A method in accordance with claim 41, wherein the filter criteria is predefined in a computer memory.

43. (Original) A method in accordance with claim 41, wherein automatically inserting filter criteria in at least one of the filter cells in response to a selection of the filter criteria by a user further comprises:

determining whether the selection of the filter criteria by the user triggers automatic insertion of filter criteria in the filter cells.

44. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, and wherein each of the data cells is associated with at least one of the filter cells;

automatically inserting predefined filter criteria in selected filter cells in response to a user selection;

identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell; and

sorting the data sets associated with the identified data cells.

45. (Original) A method in accordance with claim 44, wherein the predefined filter criteria is stored in a computer memory.

46. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;

receiving filter criteria via one or more of the filter cells;

identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell;

sorting the data sets associated with the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying the sorted data sets contiguously and interposed between data sets associated with non-identified data cells.

47. (Original) A method in accordance with claim 46, wherein receiving filter criteria via one or more of the filter cells further comprises:

receiving the filter criteria in response to a selection of a user; and

automatically inserting the filter criteria in one or more of the filter cells according to the selection of the user.

48. (Original) A method in accordance with claim 47, wherein the filter criteria is stored in a computer memory.

49. (Original) A method in accordance with claim 46, further comprising un-displaying the non-identified data cells.

50. (Original) A method in accordance with claim 49, wherein un-displaying the non-identified data cells is based at least in part on user input.

51. (Original) A method in accordance with claim 46, wherein displaying the sorted data sets further includes displaying the sorted data sets below the top of the table at a position at approximately one-third of the height of the table.

52. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs

to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;

receiving filter criteria via one or more of the filter cells;

identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell;

sorting the data sets associated with the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying at least the identified data cells, wherein the identified data cells are graphically displayed via highlight, color or other image marking, and wherein the highlight, color, or image marking is automatically applied to at least a part of the identified data cells that satisfies the filter criteria.

53. (Original) A method in accordance with claim 52, further comprising:  
receiving the filter criteria in response to a selection of a user; and  
automatically inserting the filter criteria in one or more of the filter cells according to the selection of the user.

54. (Original) A method in accordance with claim 53, wherein the filter criteria is stored in a computer memory.

55. (Currently amended) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;  
receiving filter criteria via one or more of the filter cells;  
identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell;

sorting the data sets associated with the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying the sorted data sets in response to ~~to either~~ one of a character-by-character input or lapse of a preset pause period during which no input character is received.

56. (Original) A method in accordance with claim 55, further comprising:  
receiving the filter criteria in response to a selection of a user; and  
automatically inserting the filter criteria in one or more of the filter cells according to the selection of the user.

57. (Original) A method in accordance with claim 56, wherein the filter criteria is stored in a computer memory.

58. (Original) A method of managing data, the method comprising:  
displaying, in a single window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;  
sorting the data sets based in part upon at least one of the sort procedures;  
receiving user-defined filter criteria via one or more of the filter cells within the window;  
and  
identifying data cells that have content that corresponds with the user-defined filter criteria of an associated filter cell.

59. (Original) A method in accordance with claim 58, further comprising:  
receiving the user-defined filter criteria in response to a selection of a user; and  
automatically inserting the user-defined filter criteria in one or more of the filter cells according to the selection of the user.

60. (Original) A method in accordance with claim 59, further comprising storing the user-defined filter criteria in a computer memory.

61. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;  
receiving filter criteria via one or more of the filter cells;  
identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell;  
computing a sorting priority list, wherein the sorting priority list is based at least in part on the filter criteria; and  
sorting the data sets associated with the identified data cells based at least in part upon the sorting priority list.

62. (Original) A method in accordance with claim 61, further comprising:  
receiving the user-defined filter criteria in response to a selection of a user; and  
automatically inserting the user-defined filter criteria in one or more of the filter cells according to the selection of the user.

63. (Original) A method in accordance with claim 62, wherein the filter criteria is stored in a computer memory.

64. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs

to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;

receiving filter criteria via one or more of the filter cells;

identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell;

providing a sorting priority list that defines an order for the sort procedures, wherein the sorting priority list is based at least in part upon a number of characters in the filter criteria that are received via the one or more filter cells; and

sorting the data sets associated with the identified data cells based on the sort procedures, wherein the sorting is done in the order defined by the sorting priority list.

65. (Original) A method in accordance with claim 64, further comprising:  
receiving the filter criteria in response to a selection of a user; and  
automatically inserting the filter criteria in one or more of the filter cells according to the selection of the user.

66. (Original) A method in accordance with claim 65, wherein the filter criteria is stored in a computer memory.

67. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, and wherein each of the data cells is associated with at least one of the filter cells;

automatically inserting predefined filter criteria in selected filter cells in response to a user selection, wherein the predefined filter criteria have been previously defined in a selected filter cell;

identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell; and  
sorting the data sets associated with the identified data cells.

68. (Original) A method in accordance with claim 67, wherein the content of each one of the data cells is selectable by a user to become the filter criteria for the row or column associated with the selected content.

69. (Original) A method in accordance with claim 67, wherein automatically inserting predefined filter criteria in at least one of the filter cells in response to a user selection further comprises:

determining whether the user selection triggers automatic insertion of the predefined filter criteria in the filter cells.

70. (Original) A method in accordance with claim 67, wherein the predefined filter criteria is stored in a computer memory.

71. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;  
sorting the data sets based in part upon one or more of the sort procedures;  
receiving filter criteria via one or more of the filter cells within the window; and  
identifying data cells that have content that corresponds with the filter criteria of an associated filter cell.



72. (Original) A method in accordance with claim 71, wherein the filter criteria for at least one of the filter cells is selected from a list of predetermined values.

73. (Original) A method in accordance with claim 72, wherein one or more of the predetermined values are selectable by a user selection, and wherein data cells that satisfy at least one of the predetermined values are identified in response to the user selection.

74. (Original) A method in accordance with claim 72, wherein in response to user selection of filter criteria for at least one of the filter cells, the selected filter criteria are assigned to one or more other filter cells.

75. (Original) A method in accordance with claim 74, wherein sorting and identifying occur in response to the user selection of the filter criteria for at least one of the filter cells.

76. (Original) A method in accordance with claim 74, further comprising displaying a set of pre-stored filter criteria for filtering two or more of the rows or columns.

77. (Original) A method in accordance with claim 76, wherein the set of pre-stored filter criteria is selectable by a user selection, and wherein sorting and identifying occur in response to the user selection.

78. (Original) A system for managing data, the system comprising:  
a first module configured to display, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, and wherein each of the data cells is associated with at least one of the filter cells;

a second module configured to automatically insert predefined filter criteria in selected filter cells in response to a user selection;

a third module configured to identify data cells that have content that corresponds with the predefined filter criteria of an associated filter cell; and

a fourth module configured to sort the data sets associated with the identified data cells.

79. (Original) A system for managing data, the system comprising:

means for displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, and wherein each of the data cells is associated with at least one of the filter cells;

means for automatically inserting predefined filter criteria in selected filter cells in response to a user selection;

means for identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell; and

means for sorting the data sets associated with the identified data cells.

80. (Original) A computer readable medium storing a program which performs a method of managing data, the program comprising:

code for displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, and wherein each of the data cells is associated with at least one of the filter cells;

code for automatically inserting predefined filter criteria in selected filter cells in response to a user selection;

code for identifying data cells that have content that corresponds with the predefined filter criteria of an associated filter cell; and

code for sorting the data sets associated with the identified data cells.

81. (Original) A method of managing data, the method comprising:  
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one data set, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure;  
receiving filter criteria via one or more of the filter cells; and  
identifying data cells that have content that corresponds with the filter criteria of an associated filter cell.

82. (Currently Amended) A method in accordance with claim 81, further comprising displaying the identified data cells, wherein the identified data cells are graphically displayed via highlight, color or other image marking, and wherein the highlight, color, or image marking is automatically applied to ~~the identified data cells or parts of~~ at least parts of the identified data cells that satisfy the filter criteria.

83. (Original) A method in accordance with claim 81, further comprising saving entries in one or more of the filter cells into a list of pre-stored filter queries.

84. (Original) A method in accordance with claim 83, further comprising automatically filling one or more filter cells from the list of pre-stored filter queries.

85. (Original) A method in accordance with claim 81, wherein content that belongs to a data set includes one or more links to related information outside the data set.

86. (Original) A method in accordance with claim 85, wherein the one or more links include at least one Internet address related to the data set.

87. (Cancelled)

88. (Currently amended) A method in accordance with claim ~~[[87]]~~ 46, wherein the identified data cells are positioned automatically within the data table, vertically and horizontally as necessary, so that the identified data cells are displayed in the window at a level and position most suitable for viewing by the user.

89. (Currently amended) A method in accordance with claim ~~[[87]]~~ 46, wherein row data sets can be manually removed from the group of marked identified row data sets,

90. (Currently amended) A method in accordance with claim ~~[[87]]~~ 46, wherein one or more currently unmarked unidentified row data sets can be identified and marked manually and added to the group of already identified data sets.